Claims

1. Disc brake (10) comprising two brake shoes (18, 20), which are pressable against both sides of a brake disc (12) and which in relation to a peripheral force (C') generated upon application of the brake shoes (18, 20) against the brake disc (12) are supported against a vehicle-fixed carrier (14), and at least one device (34, 70) for measuring and/or converting the peripheral force (C'), which device is disposed in a force transmission chain between at least one of the brake shoes (18, 20) and the carrier (14),
characterized in that between at least one of the brake shoes (18, 20) and the device (34, 70) for measuring and/or converting the peripheral force (C') at least one force transmission member (30, 32, 94) is disposed, which is movable under guidance parallel to the brake disc (12).

2. Disc brake according to claim 1,
characterized in that a guide for the force transmission member (30, 32, 94) is rigidly coupled to the carrier (14).

3. Disc brake according to claim 1 or 2,
characterized in that the force transmission member (94) is guided in a translatory manner.

4. Disc brake according to claim 1 or 2,
characterized in that the force transmission member (30, 32) is guided in a rotary manner.

5. Disc brake according to claim 4,
characterized in that the force transmission memberis a swivel element (30, 32), which has a swivelling axis parallel to an axis of rotation (D) of the brake disc (12).

6. Disc brake according to claim 5,
characterized in that the swivel element (30, 32) is coupled to the carrier (14).

7. Disc brake according to one of claims 1 to 6,
characterized in that one force transmission member (30, 32, 94) is disposed at each opposite side of the brake disc (12).

8. Disc brake according to claim 7,
characterized in that for each force transmission member (30, 32) a separate device (34, 36) for measuring and/or converting the peripheral force (C') is provided.

9. Disc brake according to one of claims 7 or 8,
characterized in that the force transmission members (30, 32, 94) disposed at opposite sides of the brake disc (12) are coupled to one another.

10. Disc brake according to claim 9,
characterized in that for the coupled force transmission members (30, 32, 94) a common device (34, 70) for measuring and/or converting the peripheral force (C') is provided.

11. Disc brake according to one of claims 1 to 10,
characterized in that the device for measuring and/or converting the peripheral force (C') is integrated into the force transmission member.

12. Disc brake according to one of claims 1 to 11,
characterized in that the device for measuring and/or converting the peripheral force (C') comprises a force sensor (32, 34).

13. Disc brake according to one of claims 1 to 10,
characterized in that the device (70) for measuring and/or converting the peripheral force (C') comprises a force/pressure transducer (72) and a pressure sensor (74).

14. Disc brake according to one of claims 1 to 14,
characterized in that the force transmission member (32, 34, 94) at a region (50, 52) interacting with the at least one brake shoe (18, 20) is profiled and the at least one brake shoe (18, 20) has a complementary profiling (54).

15. Electrohydraulic or electromotive vehicle brake system having a disc brake (10) according to one of claims 1 to 14.